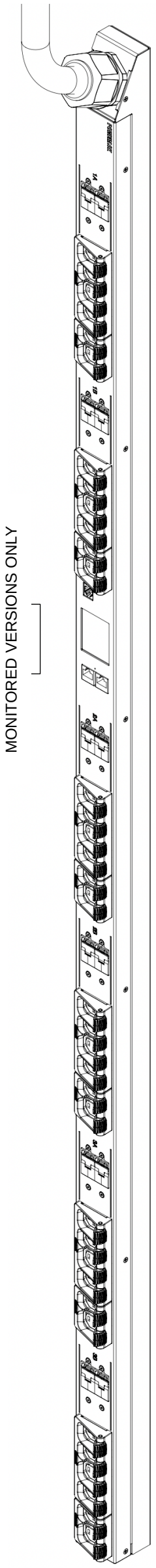
GREAT LAKES RACK PDU SPECIFICATION



Specific Configurations

COLOR	CARBON		RED		WHITE		BLUE	
WHIP LENGTH	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT
SWITCHED READY MODEL	GL8501S-06C	GL8501S-10C	GL8501S-06R	GL8501S-10R	GL8501S-06W	GL8501S-10W	GL8501S-06B	GL8501S-10B
MONITORED MODEL	GL8501M-06C	GL8501M-10C	GL8501M-06R	GL8501M-10R	GL8501M-06W	GL8501M-10W	GL8501M-06B	GL8501M-10B
BASIC MODEL	GL8501B-06C	GL8501B-10C	GL8501B-06R	GL8501B-10R	GL8501B-06W	GL8501B-10W	GL8501B-06B	GL8501B-10B
DESCRIPTION	RACK PDU, 72”, 50A 208/240V DELTA 3PH, 36-C13, CS8365C, CORDLOK							
POWER	50A 208/240V DELTA 3PH (14.4 kW)							
PLUG TYPE	CS8365C							
UNIT LENGTH	72 INCHES							
RECEPTACLES	36-C13							
CORDLOK	YES							

Universal Specification

Over Current Protection	20A UL489 magnetic breakers
Power Whip	See PDU Ratings Table - page 2
Heavy Steel - Powder Coat Color	Per PowerLok specific configuration for color
Rack PDU Type	Vertical Rack-mount
Toolless Mounting: Center Spacing	61.25”
Manufactured in the USA	Yes
Product Warranty	3-year from date of shipment, repair or replace.
Certification/Agency Approvals	TUV Certified to UL/CSA 60950-1 with NOM Addendum for Mexico, FCC Part 15 Class A conformance, RoHS compliant
Operating Environment	0-60C (32-149F), 5-95% relative humidity, 0-10,000ft (0-3000 meters) elevation.
Storage Environment	-25-65C (-13-149F), 5-95% relative humidity, 0-10,000ft (0-3000 meters) elevation.
Chassis Dimensions (LxWxD)	72.0”L x 2.18”W x 2.0”D
Package Dimensions (LxWxD)	80.0”L x 22.0”W x 4.8”D (3&4-Pack), 80.0”L x 11.0”W x 4.8”D (1&2-Pack)
Pallet Dimensions (LxWxD)	82”L x 44”W x 5.0”D
Rack PDU Weight	18.3 lbs.
Packaged Weight (each)	20.3 lbs.
Monitored & Switched Versions Only	
MONITORING TYPE:	REMOTE & TOUCHSCREEN DISPLAY, ENVIROLOK READY. SWITCHED READY
Monitoring Accuracy	Voltage: +/- 0.5% at nominal. Current: within 0.5% from 1A to 30A typical. +/1% of measurement from 500mA to 30A.
Total Unit & Group Monitoring	Aggregate (kWh, W, VA) plus Phase: A, B, C Line Currents, plus Group: 1, 2, 3 Monitoring (kWh, W, VA, PF, V, A)
Network Interface	Ethernet RJ-45, 10 Mbit/s, 100 Mbit/s
Transport/Internet	TCP/IP v4, v6
Network Applications	HTTP/HTTPS Webserver SNMP-V1/V2c/V3 Network Management DHCP for dynamic IP address request from a server on the network. Remote firmware upgrade using FTP.
Touch & Rotatable Digital Display	Touch to rotate / touch to view data screens
Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
Environmental Monitoring	Optional EnviroLok daisy chain temp/humidity (optional - up to 4 sensors). Monitoring accuracy +/- 0.2C and +/- 2% Rh.

MADE AND ROBOTICALLY SOLDERED IN THE USA

GREAT LAKES

*CUSTOMER SIGNATURE:	DATE:	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MM AND TOLERANCES ARE: X = +/- 0.5 .X = +/- 0.25 .XX = +/- 0.13 X° = +/- 0.5°	Great Lakes Data Racks and Cabinets
*PRIOR TO MANUFACTURING, BUILD MODELS REQUIRE CUSTOMER SIGN-OFF. BY SIGNING, CUSTOMER AGREES THAT THIS ORDER IS NON-CANCELABLE AND NON-RETURNABLE.			TITLE: **RACK PDU SPECIFICATION**
		DRAWING NUMBER: SP-GL8501	SHEET: **1 OF 2**

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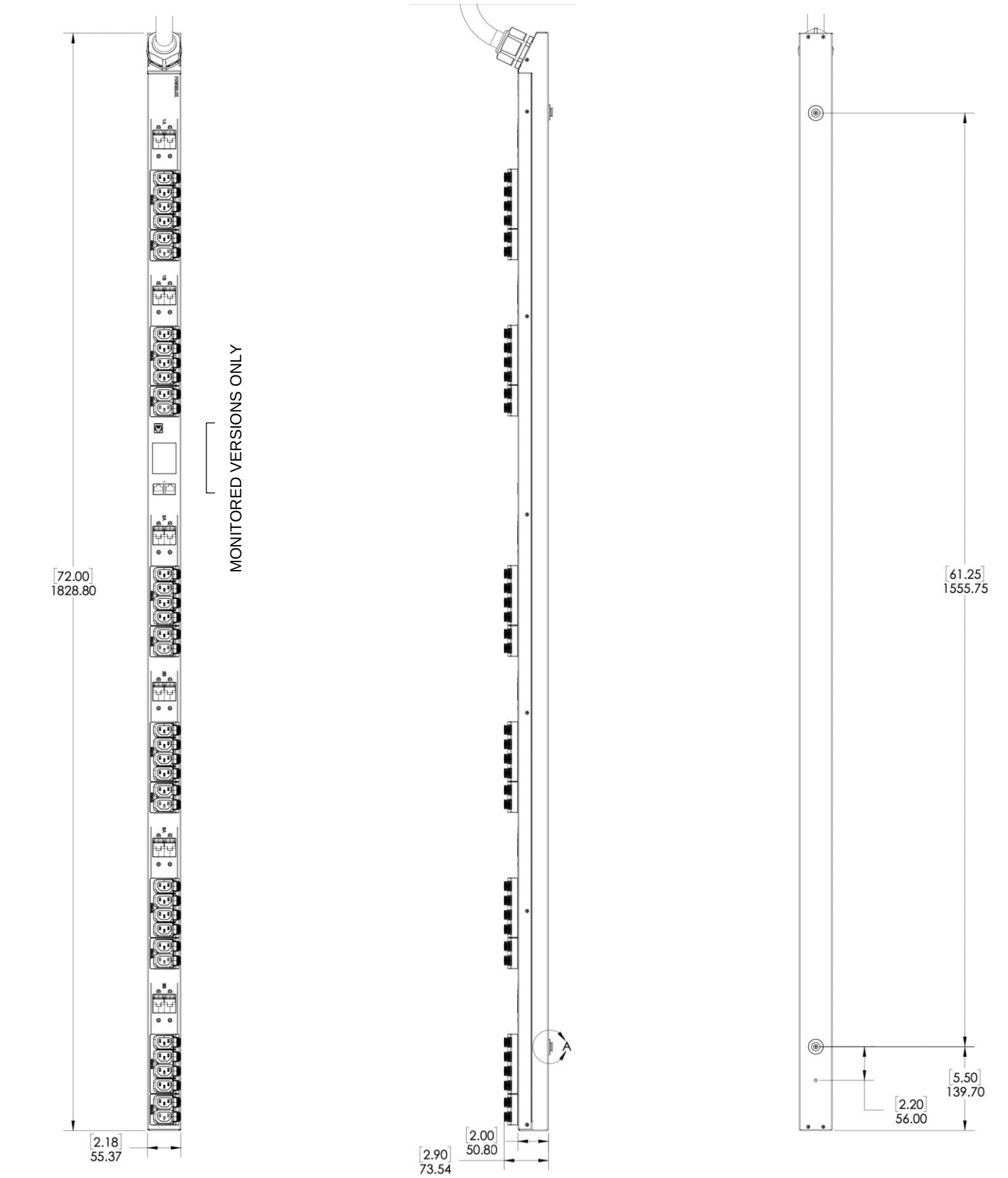
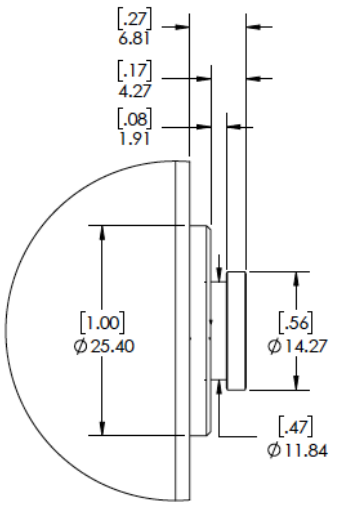
OUTLINE DRAWING



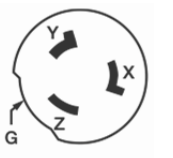


DETAIL A

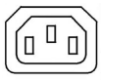
PLUG/OUTLETS

SEE CONFIGURATION TABLE
FOR ACTUAL PLUG & OUTLETS

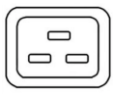
CS8365C 3P4W 50A/250V
40A DERATED INPUT



IEC 60320 C13 10A/250V
INTL. & 15A/250V N.A.
MAX RATED OUTPUT

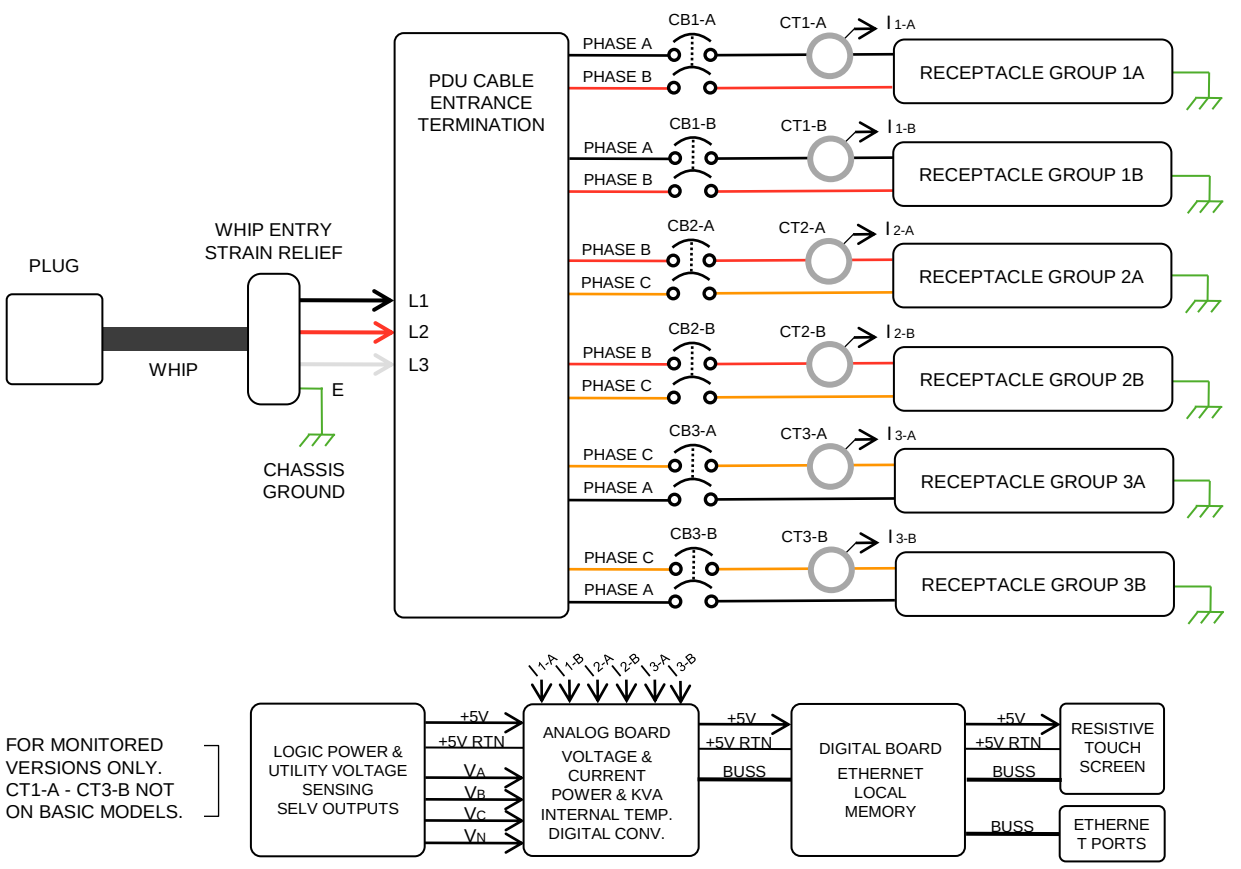


IEC 60320 C19 16A/250V
INTL. & 20A/250V N.A.
MAX RATED OUTPUT



NEMA L6-30R . 30A/250V
MAX RATED OUTPUT

PDU WIRING DIAGRAM & RATINGS TABLE



FOR MONITORED VERSIONS ONLY. CT1-A - CT3-B NOT ON BASIC MODELS.

INPUT POWER:	
WHIP TYPE	6GA 4-WIRE SOOW TYPE W
VOLTAGE	208/240V DELTA 3PH
FREQUENCY	50/60 HZ
RATED AMPS	50A
MAX CONT. AMPS	40A
OUTPUT POWER:	
GROUP 1A	PH A-N, 16A MAX CONT.
GROUP 1B	PH A-N, 16A MAX CONT.
GROUP 2A	PH B-N, 16A MAX CONT.
GROUP 2B	PH B-N, 16A MAX CONT.
GROUP 3A	PH C-N, 16A MAX CONT.
GROUP 3B	PH C-N, 16A MAX CONT.

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